

~~CONFIDENTIAL~~

OTS-230/86

90 JUN 1986

OIT/TRIS
LOUDED

MEMORANDUM FOR: Director of Information Technology

FROM:

[redacted]
Director of Technical Service

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SUBJECT:

Direct Wang to Wang Telecommunications Network [redacted]

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1. The Office of Technical Service (OTS) has a requirement for a direct Wang Alliance to Wang Alliance telecommunications network between its various units located at the South-East-Central Building complex, [redacted]

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[redacted] This requirement will continue after occupants of the OTS South complex move to the new Headquarters building in 1987. [redacted]

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2. We now have 30 Wang Alliance CPUs installed or on order dispersed through our various buildings. Each of these CPUs supports nearly all its capability of 24 work stations plus printers, etc. They can now very conveniently exchange messages and files only within a given site by virtue of a Wang WISE local area network. We need to be able to exchange messages and files between our several sites as well. Further down the road, we would like to be able to send and receive staff cable traffic directly between our Wang work stations and overseas stations. [redacted]

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3. We understand that such a system is now or is imminently possible without further development. We are aware of testing now going on in OD&E, QSO, and between DNG and IMS, and would like to be a part of those efforts. OTS understands that line capacity is available between sites; that the new MHF is soon to be installed giving the Cable Dissemination System needed capacity (OTS already has current profiles for CDS); that a Wang VS computer may soon be available to act as a hub; and, that all necessary software has already been developed and demonstrated to allow messaging, file transfer, and cable dissemination over such a system. Wang is due to release its Office II and WSN software packages in June. This will allow for a greatly improved mail and word processing system on our current equipment, and obviate any need for separate flow control software, particularly if the hub is located at Headquarters. [redacted]

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4. We are reluctant to attempt to provide inter-site telecommunications in the Headquarters area independently, especially as the technology seems to be currently available without further development. We ask that we be included in this effort at the earliest possible juncture. [redacted]

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